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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/614,349	07/08/2003	Oleg Morenko	2993-491US PJF/rl	7842
32292 75	90 07/26/2005		EXAMINER	
OGILVY RENAULT LLP (PWC) 1981 MCGILL COLLEGE AVENUE			CASAREGOLA, LOUIS J	
SUITE 1600		ART UNIT	PAPER NUMBER	
MONTREAL, QC H3A 2Y3			3746	
CANADA			DATE MAILED: 07/26/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
		10/614,349	MORENKO, OLEG			
Office Action Summary		Examiner	Art Unit			
		Louis J. Casaregola	3746			
Period fo	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
A SH THE - Exte after - If the - If NG - Failt Any	IORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. Insions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. The period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period ware to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing led patent term adjustment. See 37 CFR 1.704(b).	66(a). In no event, however, may a reply be tim within the statutory minimum of thirty (30) days ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U S C & 133)			
Status						
1)	Responsive to communication(s) filed on					
		-· action is non-final,				
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under E	-				
Dispositi	ion of Claims					
 4) Claim(s) 1-21 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 21 is/are allowed. 6) Claim(s) 1,2,9,11,12,19 is/are rejected. 7) Claim(s) 3-8,10,13-18,20 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. 						
Applicati	ion Papers					
10)	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the december drawing sheet(s) including the correction of the oath or declaration is objected to by the Examiner.	pted or b) objected to by the E rawing(s) be held in abeyance. See on is required if the drawing(s) is obj	37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority u	ınder 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.						
Attachment		, (– ,				
2) Notice (3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) ' No(s)/Mail Date	4) Interview Summary (Paper No(s)/Mail Dat 5) Notice of Informal Pa 6) Other:	PTO-413) e tent Application (PTO-152)			
U.S. Patent and Tra PTOL-326 (Re		on Summary Part	of Paper No /Mail Date 07182005			

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Claims 1, 2, 9, 11, 12, and 19 stand rejected under 35 USC 102(b) as being anticipated by Holsapple et al (US Pat. 5,392,596)

As pointed out in the previous Office action, the claimed gas turbine and related combustor read on prior art turbomachines of the type disclosed by Holsapple. Attention is called to Holsappple's Figure 1, which shows a turbine engine comprising comressor section 16, turbine section 18, and combustor section 20. Attention is additionally called to Figure 2, which shows combustor mounting apparatus having joints formed by balls 182 and 206 in combination with corresponding spherical indents 178 and 202. A spring 208 holds each ball in place and thus establishes a longitudinal joint axis in the direction of spring compression. Each ball and its related indent, moreover, cooperate to define mating convex and concave surfaces having curvature in mutually orthogonal planes and rotational freedom about plural transverse axes as specified by the present claims. Note also that compression of spring 208 will further accommodate translation along the longitudinal axis as required by claims 2 and 12.

Arguments

Applicant's arguments have been considered but are not effective in demonstrating that the rejected claims are patentable over the cited prior art.

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Applicant emphasizes that the stated purpose of Holsapple's combustor mounting structure is to apply an axially compressive force to seal and allow thermal expansion, rather than to locate and support the combustor. This line of argument however is not persuasive. Holsapple's stated purpose related to the application of compressive force does not in any way preclude the performance of combustor support and locating functions. Uneven thermal expansion would in fact cause the downstream end of Holsapple's combustor to become twisted and misaligned if his downstream mounting structure did not provide at least some degree of support and locational integrity. Furthermore, as pointed out in the rejection, Holsapple's combustor mounting apparatus includes the same set of broadly recited structural features recited in the present claims. If the claimed mounting apparatus is capable of performing combustor support and locating functions, than the structurally identical apparatus in the prior art must be presumed equally capable.

Applicant further states that Hosapple's use of spherical components is based on ease of manufacture rather than functional necessity, and that spring washers and/or wave springs could have been used for the same purpose. This line of argument is not well taken. The prior art is applied for the structure that it fairly shows, and the existence of potential alternatives for certain features is irrelevant.

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Allowable Subject Matter

Amended claim 21 is allowed. Claims 3-8, 10, 13-18, and 20 also contain allowable subject matter but are objected to as depending from rejected parent claims. If rewritten in independent form, these claims will be additionally be allowed.

L. J. Casaregola 571-272-4826 (M-F; 7:30-4:00) 703-872-9306 FAX July 18, 2005

LOUIS J. CASAREGOLA PRIMARY EXAMINER

If repeated attempts to reach the examiner by telephone are unsuccessful, the art unit supervisor, Timothy Thorpe, can be reached at 571-272-4444.

Information regarding the status of this application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR, and status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).